

Message

**From:** Fry, Jessica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B8BD79D43F5A4AD1AE1A2F5FC5686D9B-FRY, JESSICA]  
**Sent:** 7/5/2018 6:20:40 PM  
**To:** chow, alice [chow.alice@epa.gov]  
**Subject:** FW: Braun

Hi Alice,

I forgot that Madeleine had asked us about some of the controls for Braun. I had pulled this from the EIS to respond to her. It looks like for the 2015 and 2016 NEI EPA just pulled the emissions from TRI (PADEP must not have submitted EtO emissions), so there are no unit level emissions reported.

Jessie

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**From:** Strum, Madeleine  
**Sent:** Tuesday, June 05, 2018 2:30 PM  
**To:** Fry, Jessica <fry.jessica@epa.gov>; Chow, Alice <chow.alice@epa.gov>  
**Cc:** Witt, Jon <Witt.Jon@epa.gov>; Smith, Darcie <Smith.Darcie@epa.gov>  
**Subject:** RE: Braun

Thanks Jessica! Great to know that the control information is being populated well in EIS.  
Madeleine

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**From:** Fry, Jessica  
**Sent:** Tuesday, June 5, 2018 9:59 AM  
**To:** Strum, Madeleine <Strum.Madeleine@epa.gov>; Chow, Alice <chow.alice@epa.gov>  
**Cc:** Witt, Jon <Witt.Jon@epa.gov>; Smith, Darcie <Smith.Darcie@epa.gov>  
**Subject:** RE: Braun

Hi Madeleine,

It looks like these are accounted for in the EIS. Here are the controls for the units when I looked at the EIS:

Facility	Unit ID	Unit Description	Control	2014 Emissions (lb/yr)
B BRAUN MED INC/ALLENTOWN	110	aeration room	CATALYTIC OXIDIZER,Catalytic Incinerator w/o heat exchange	1000
B BRAUN MED INC/ALLENTOWN	105	sterilizer	DEOXX UNIT,Mechanical Scrubber	800
B BRAUN MED INC/ALLENTOWN	107	sterilizer	DEOXX UNIT,Mechanical Scrubber	1000
B BRAUN MED INC/ALLENTOWN	106	sterilizer	DEOXX UNIT,Mechanical Scrubber	800
B BRAUN MED INC/ALLENTOWN	103	sterilizer	DEOXX UNIT,Mechanical Scrubber	800
B BRAUN MED INC/ALLENTOWN	101	sterilizer	DEOXX UNIT,Mechanical Scrubber	600

B BRAUN MED INC/ALLENTOWN	104	sterilizer	DEOXX UNIT,Mechanical Scrubber	800
B BRAUN MED INC/ALLENTOWN	102	sterilizer	DEOXX UNIT,Mechanical Scrubber	800

Let me know if you need anything else.

Thanks,  
Jessie

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**From:** Strum, Madeleine  
**Sent:** Tuesday, June 05, 2018 7:15 AM  
**To:** Chow, Alice <[chow.alice@epa.gov](mailto:chow.alice@epa.gov)>; Fry, Jessica <[fry.jessica@epa.gov](mailto:fry.jessica@epa.gov)>  
**Cc:** Witt, Jon <[Witt.Jon@epa.gov](mailto:Witt.Jon@epa.gov)>; Smith, Darcie <[Smith.Darcie@epa.gov](mailto:Smith.Darcie@epa.gov)>  
**Subject:** Braun

Hi

Here's more info on this facility confirming it is a manufacturing plant (as we thought)  
[https://www.epa.gov/sites/production/files/2016-01/documents/b\\_braun\\_medical\\_sb.pdf](https://www.epa.gov/sites/production/files/2016-01/documents/b_braun_medical_sb.pdf)

The document (above link) discusses a catalytic oxidizer and a scrubber (page 4). Can you confirm that the emission estimate in the NEI accounts for the control device?

Per the check list (filled out by Jessica) the v1 emissions were not changed.

State Reviewed Data? (Y/N)	Change Submitted by State? (Y/N)	Person completing check list	Affiliation of person completing check list	Comment	Done?
Y	N	Jessica Fry	EPA Region 3	PADEP checked with inspector and did not want to make changes to emissions.	

Madeleine Strum | U.S. Environmental Protection Agency | 109 TW Alexander Drive, RTP, NC 27711  
Office of Air Quality Planning and Standards | Air Quality Assessment Division | Emission Inventory and Analysis Group | 919 541 2383